

Canine Complement Component 9 ELISA Kit | C9 elisa kit

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CATALOG #
AAA91331

REACTIVITY
Canine

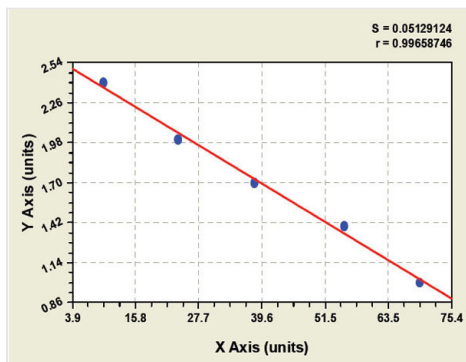
PRODUCT SYNONYMS

Complement Component 9; Canine Complement Component 9 ELISA Kit; C9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This C9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine C9. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C9 elisa kit

Principle of the Assay: C9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C9 antibody and an C9-HRP conjugate. The assay sample and buffer are incubated together with C9-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the C9 concentration since C9 from samples and C9-HRP conjugate compete for the anti-C9 antibody binding site. Since the number of sites is limited, as more sites are occupied by C9 from the sample, fewer sites are left to bind C9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C9 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6706618
NCBI GeneID	735
UniProt Accession #	Q9UGI4; P02748
Molecular Weight	2,706 Da
NCBI Official Full Name	complement component 9, partial
NCBI Official Synonym Full Names	complement component 9
NCBI Official Symbol	C9
NCBI Official Synonym Symbols	C9D; ARMD15
NCBI Protein Information	complement component C9
UniProt Protein Name	Complement component 9
UniProt Gene Name	C9
UniProt Entry Name	Q9UGI4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/c9-canine-elisa-kits/complement-component-9/91331>